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System Assurance in Support of the C&A Process

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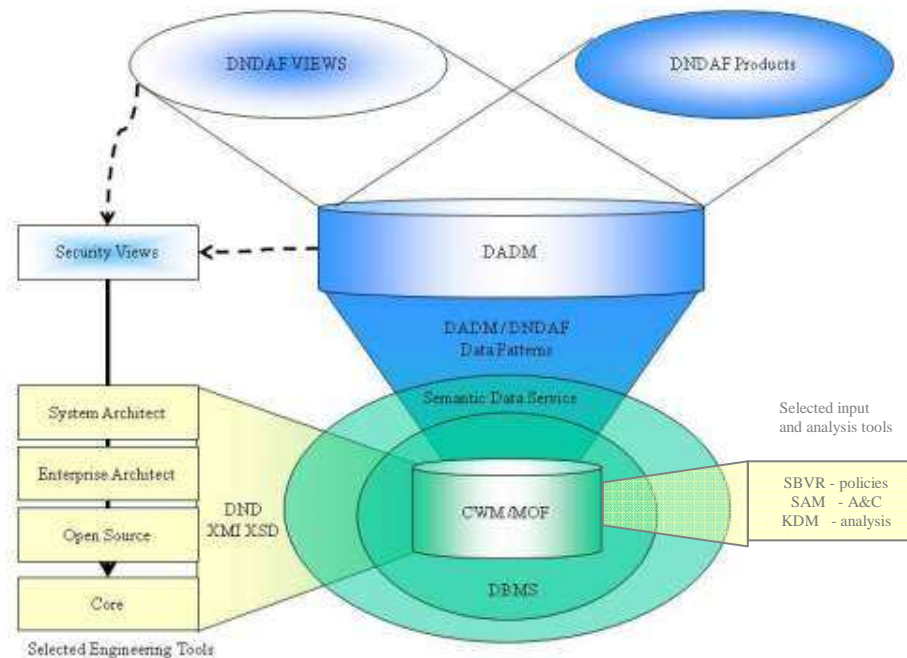


Information Management Group



Groupe de gestion de l'information

Leveraging OMG Standards: SwA Ecosystem+



Common Warehouse
Metamodel (CWM)

Knowledge Discovery
Metamodel (KDM)

Semantics of Business
Vocabulary and Rules
(SBVR)

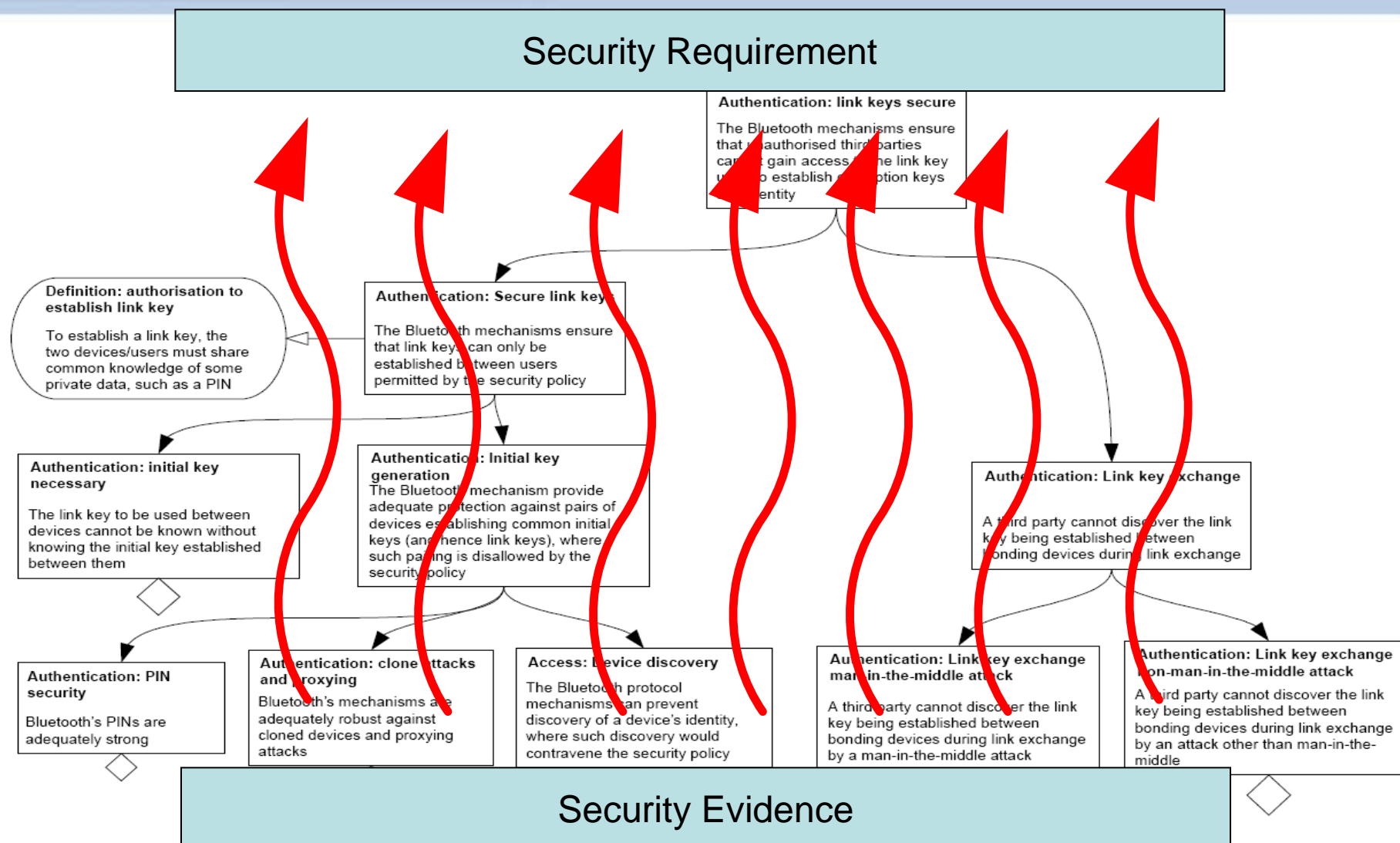
Software Assurance
Metamodel (2 standards
– WIP)

Unified Profile for
DoDAF/MODAF (UPDM)

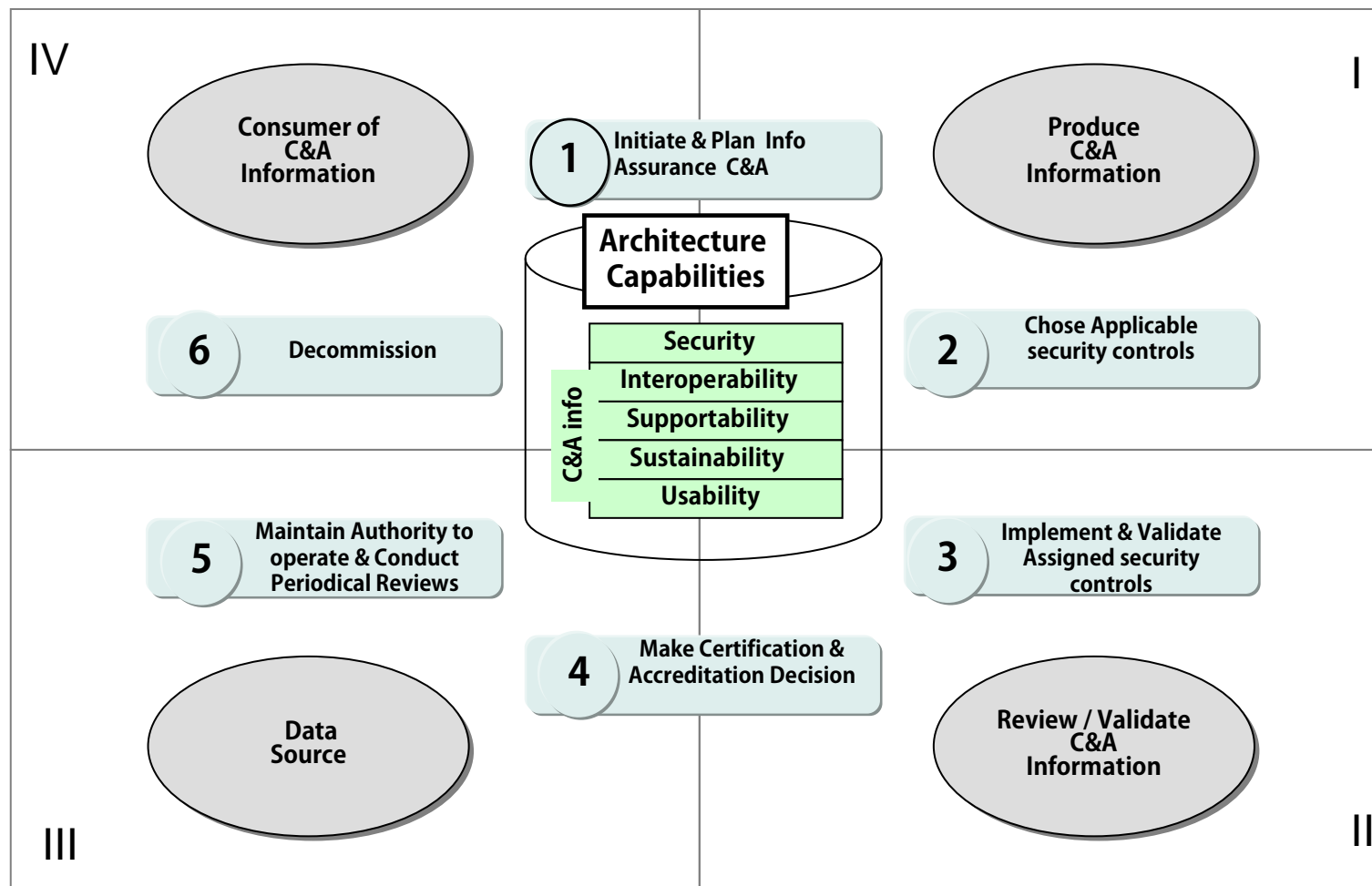
Information Security Objectives

- Establish standard based, Assurance Framework to enable automated, consistent, repeatable C&A process
- The Assurance Framework provides common and consistent guidance and communications
 - Capturing a goal-aligned traceability Model
 - Obtaining fact based evidence
 - Assessing residual risk based on discovery non-compliance parts

A Simple Assurance Case Structure



C&A Process with the Traceability Model



Achievable Continuous Assurance

